

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/IB 03/05546

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04N5/45

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 141 059 A (BOYCE JILL MACDONALD ET AL) 31 October 2000 (2000-10-31) column 1, line 60 - column 2, line 67 column 3, line 30 - line 60; figure 1	1-3, 10-12
A	US 5 847 771 A (CLOUTIER ET AL.) 8 December 1998 (1998-12-08) abstract; figure 10	1, 10, 19
A	EP 0 840 505 A (TEXAS INSTRUMENTS INC) 6 May 1998 (1998-05-06) abstract column 2, line 38 - column 3, line 14; figures 5, 6a, 6b	1, 4, 10, 13
	----- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

10 March 2004

Date of mailing of the international search report

18/03/2004

Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Fuchs, P

INTERNATIONAL SEARCH REPORT

International Publication No

PCT/IB 03/05546

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 6 351 291 B1 (ASANO MASANARI) 26 February 2002 (2002-02-26)</p> <p>abstract column 1, line 1 - line 50; figures 8,9 column 2, line 10 - line 16; figure 1</p>	<p>1,4,6-8, 10,13, 15-17</p>
A	<p>WO 96/38008 A (HORTON RAYMOND SCOTT ; THOMSON CONSUMER ELECTRONICS (US)) 28 November 1996 (1996-11-28) page 2, line 24 - page 3, line 37 page 8, line 1 - page 9, line 20; figure 1</p>	<p>1,4,10, 13</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International publication No

PCT/IB 03/05546

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6141059	A	31-10-2000	US 5828421 A	27-10-1998
			US 5614952 A	25-03-1997
			US 5635985 A	03-06-1997
			US 5598222 A	28-01-1997
			US 5969768 A	19-10-1999
			DE 69529323 D1	13-02-2003
			DE 69529323 T2	20-11-2003
			EP 1209916 A2	29-05-2002
			EP 0707426 A2	17-04-1996
			JP 8205161 A	09-08-1996
			US 6262770 B1	17-07-2001
			US 2002176508 A1	28-11-2002
			US 6100932 A	08-08-2000
			US 6061402 A	09-05-2000
			US 5614957 A	25-03-1997
			US 6167089 A	26-12-2000
			US 6249547 B1	19-06-2001
			US 5646686 A	08-07-1997
			US 6025878 A	15-02-2000
			US 2001017891 A1	30-08-2001
			US 5767907 A	16-06-1998
US 5847771	A	08-12-1998	NONE	
EP 0840505	A	06-05-1998	EP 0840505 A2	06-05-1998
			JP 10191383 A	21-07-1998
			US 6263396 B1	17-07-2001
			US 6452641 B1	17-09-2002
			US 6310657 B1	30-10-2001
			US 6369855 B1	09-04-2002
US 6351291	B1	26-02-2002	JP 2000284776 A	13-10-2000
WO 9638008	A	28-11-1996	AU 699288 B2	26-11-1998
			AU 5796596 A	11-12-1996
			BR 9609122 A	23-02-1999
			CN 1191655 A	26-08-1998
			DE 69603726 D1	16-09-1999
			DE 69603726 T2	02-12-1999
			EP 0829170 A1	18-03-1998
			ES 2134616 T3	01-10-1999
			JP 11505985 T	25-05-1999
			WO 9638008 A1	28-11-1996
			US 5969770 A	19-10-1999